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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	
		Filing Date	
		First Named Inventor	Aslanis, Jr.
		Art Unit	
		Examiner Name	
Sheet 1	of 4	Attorney Docket Number	TI-27730A.1B

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/AF/		US- 4450558	05-22-1984	Hampton et al.	all
/AF/		US- 4644523	02-17-1987	Horwitz	all
/AF/		US- 5170413	12-08-1992	Hess et al.	all
/AF/		US- 5305349	04-19-1994	Dent	all
/AF/		US- 5345440	09-06-1994	Gledhill et al.	all
/AF/		US- 5440561	08-08-1995	Werronen	all
/AF/		US- 5444697	08-22-1995	Leung et al.	all
/AF/		US- 5590160	12-31-1996	Ostman	all
/AF/		US- 5666378	09-09-1997	Marchetto et al.	all
/AF/		US- 5673296	09-30-1997	Ohgane	all
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/AF/		WO 95/05042	02-16-1995	Univ. Brit.Col.	all	
/AF/		EP 0529421 A2	03-03-1993	Daimler-Benz	all	
/AF/		WO 93/09617	05-13-1993	Motorola	all	
/AF/		WO 95/03656	02-02-1995	Telia AB	all	

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		Art Unit	
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Sheet 2		of 4	Attorney Docket Number TI-27730A.1B

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/AF/		CIMINI, "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", Trans. Comm. Vol. COM-33, No. 7 (1985).	
/AF/		BINGHAM, "Multicarrier Modulation for Data Transmission: An Idea Whoes Time Has Come", Communications Magazine (IEEE, May 1990), pp. 5-14.	
/AF/		CHOW et al., "DMT Initialization: Parameters Needed for Specification in a Standard", Submission T1E1.4/93-022 (Mar. 1993).	
/AF/		CHOW et al., "A Discrete Multitone Transceiver System for HDSL Applications", J. Sel. Areas Comm., Vol. 9, No. 6 (IEEE, 1991), pp. 895-908.	
/AF/		CHOW et al., "Equalizer Training Algorithms for Multicarrier Modulation" (1993), pp. 761-765.	
/AF/		KIRKMAN et al., "Detection of Characteristic Phases Using FFTs", ICASSP (IEEE, March 1992).	

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		Filing Date	
		First Named Inventor	Aslanis, Jr.
		Art Unit	
		Examiner Name	
Sheet 3 of 4	Attorney Docket Number	TI-27730A.1B	

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/AF/		Proakis, <u>Digital Communications</u> , 2d ed. (McGraw-Hill, Inc., 1989), pp. 396-99 and 862-65.	
/AF/		Cioffi et al., "DMT Specification Overview for ADSL", Submission T1E1.4/93-083 to the T1E1.4 Working Group of Committee T1, sponsored by the Alliance for Telecommunications Information Solutions and accredited by the American National Standards Institute (April 15, 1993).	
/AF/		Cioffi et al., "Detailed DMT Transmitter Description for ADSL", Submission T1E1.4/93-084 to the T1E1.4 Working Group of Committee T1, sponsored by the Alliance for Telecommunications Information Solutions and accredited by the American National Standards Institute (April 15, 1993).	
/AF/		Chow et al., "Recommended Reverberation Training Sequence-Revision 1", Submission T1E1.4/93-086-R1 to the T1E1.4 Working Group of Committee T1, sponsored by the Alliance for Telecommunications Information Solutions and accredited by the American National Standards Institute (May 10, 1993).	
/AF/		Cioffi et al., "Recommended Training Sequence for SNR Computation with DMT ADSL", Submission T1E1.4/93-087 to the T1E1.4 Working Group of Committee T1, sponsored by the Alliance for Telecommunications Information Solutions and accredited by the American National Standards Institute (May 10, 1993).	

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				First Named Inventor	Aslanis, Jr.
				Art Unit	
				Examiner Name	
Sheet	4	of	4	Attorney Docket Number	TI-27730A.1B

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/AF/		Cioffi et al., "Modification to DMT Synchronization Pattern Insertion", Submission T1E1.4/93-089 to the T1E1.4 Working Group of Committee T1, sponsored by the Alliance for Telecommunications Information Solutions and accredited by the American National Standards Institute (April 15, 1993).		
/AF/		Chow, "Recommended Reveille Sequence for DMT ADSL", Submission T1E1.4/93-114 to the T1E1.4 Working Group of Committee T1, sponsored by the Alliance for Telecommunications Information Solutions and accredited by the American National Standards Institute (May 10, 1993).		
/AF/		Bingham, "Proposed Standard: Sections 6.6-6.10 & 7.6-7.10 Encoders, Modulators, Cyclic Prefices, DACs, and Anti-aliasing Filters", Submission T1E1.4/93-120 to the T1E1.4 Working Group of Committee T1, sponsored by the Alliance for Telecommunications Information Solutions and accredited by the American National Standards Institute (May 10, 1993).		
/AF/		"Asymmetric Digital Subscriber Line (ADSL) WORKING DRAFT Standard", Marshall, ed., (T1E1.4 Working Group of Committee T1, November 15, 1993).		

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Form 1449/PTO

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Sheet	1	of	1
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Application Number	10/757195
Filing Date	01/14/2004
First Named Inventor	Aslanis
Art Unit	2171
Examiner Name	
Attorney Docket Number	TI-27730A.1B

U. S. PATENT DOCUMENTS

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